

# Daily GLOWBUGS

## Digest: V1 #13

via AB4EL Web Digests @ SunSITE

Purpose: building and operating vacuum tube-based QRP rigs

[AB4EL Ham Radio Homepage @ SunSITE](#)

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%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%%

**Subject: glowbugs V1 #13**

**glowbugs**

**Wednesday, April 23 1997**

**Volume 01 : Number 013**

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Date: Mon, 21 Apr 1997 16:26:41 -0400 (EDT)

From: JOHN SEHRING <JOHN\_SEHRING.parti@ecunet.org>

Subject: MANUAL FOR JACKSON 640

To: glowbugs@www.atl.org

Been looking a lo-o-ong time for this:

Manual for a Jackson Electrical Instrument Company (Dayton, OH)  
Model No. 640 'Test Oscillator' (RF signal generator).

Anybody, please?

-John Sehring (Sun, Apr 20, 1997 3:25 am MT @Baker, Montana) UCC WB2EQG

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Date: Mon, 21 Apr 1997 15:43:00 -0700

From: "Bowman, Jim" <Jim\_Bowman@ATK.COM>

Subject: RE: 2.5 Volt Power Transformers For Sale.

Hey gang, it seems to me you could use one of these xfmrs with solid state rectifiers for the h.v. and hook the 5 V winding in series with one half of the 2.5 V winding (so that the voltages add) to get about 6.3 V for the filaments of your little 6L6 rig etc. as long as you don't exceed the current rating. Just a thought.

Jim W7HPK

Jim\_Bowman@ATK.COM

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From: jkh@lexis-nexis.com

To: glowbugs@www.atl.org

Cc: jkh@lexis-nexis.com

**Subject: 2.5 Volt Power Transformers For Sale.**

Date: Fri, Apr 18, 1997 6:09AM

Folks,

Subject sounds a little funny but these are NOS/NIB power transformers with

2.5v

filament windings for those who want to make use of the older type tubes.

Please

reply via private email. Please note that AES is asking 3 times plus for like

transformers.

POWER TRANSFORMERS FOR SALE

All in excellent+ condition and, of course, never used.

STANCOR VPT-1 (Victory Model) (for 6-8 tubes)

325-0-325 70ma

5v 9 amp

2.5v C.T. 3 amp

Horizontal half shell

Box ratty but with instruction sheet

\$20 NIB

STANCOR P-6003 (for 6-8 tubes)

350-0-350 70ma

5v C.T. 3 amp

2.5v C.T. 9 amp

Horizontal half shell

Box nice and with instruction sheet

\$20 NIB

FMA #9342 (for 4-6 tubes)

325-0-325 50ma

5v 3 amp

2.5v C.T. 1.75 amp

Horizontal half shell

Box OK with enough remains of the instruction sheet to get specs.

\$15 NIB

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Date: Mon, 21 Apr 1997 23:45:48 -0400 (EDT)

From: Brien Pepperdine <pepperb@gov.on.ca>

Subject: Pilot "Super Wasp"

I wonder if anyone out there is familiar with the regen receiver, by PILOT, the "Super Wasp".

The reason I ask is a friend of mine has one that was in the trash, literally, and picked up from said trash, and given to him. He is working on restoring it.

I have seen the circuit, very fleetingly, on a copy he has of the manual, and have to admit my retention of it is ZERO. If anyone knows this, I'd like to know if it is a good candidate for copying in a home brew set. If

I wanted to I could get him to copy the manual for me, but before I trouble him I thought I would try to find out if I can what the tube line-up is and various general things, like the power voltages required, and all that.

It looked pretty nice. If NO one knows, I will take it on 'spec' to get the copy and let the List know what is on it, and we can debate its suitability for copying. It was disassembled when I saw it, and the glance at the paperwork was fast, so I might have missed something that would not make it a good candidate building. Then again.... it might be.

Anyone with an opinion can let me know.

One more thing - any one have any recommendations on books from Lindsay publications. There are more than a few interesting ones, so I'd like to find out what is useful. Rocky's "Regen Secrets"? Any others have useful, reproduceable circuits?

Brien  
Toronto  
pepperb@gov.on.ca

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Date: Tue, 22 Apr 1997 10:24:40 -0400 (EDT)  
From: rdkeys@csemail.cropsci.ncsu.edu  
Subject: Re: Pilot "Super Wasp"

> I wonder if anyone out there is familiar with the regen receiver, by  
> PILOT, the "Super Wasp".

Yup. They made a ``Wasp'' also, and they were battery and AC sets.

> The reason I ask is a friend of mine has one that was in the trash,  
> literally, and picked up from said trash, and given to him. He is working  
> on restoring it.

Great!

> I have seen the circuit, very fleetingly, on a copy he has of the manual,  
> and have to admit my retention of it is ZERO. If anyone knows this, I'd  
> like to know if it is a good candidate for copying in a home brew set. If  
> I wanted to I could get him to copy the manual for me, but before I  
> trouble him I thought I would try  
> to find out if I can what the tube line-up is and various general  
> things, like  
> the power voltages required, and all that.

It can be a battery or an ac set. The schematic and description is in Frederick Collin's ``Radio Amateur's Handbook'' from about 1933 or so. It is a good general set with an RF stage, a detector and two audio stages, if my memory serves me correctly. The schematics should be in Rider, and in that 1934 ``Short Wave Manual'' Gernsback reprint.

It used 2.5 vac tubes for the AC model and equivalent tubes for the dc version. I think they were 24's and 27's in the AC model and I

forget which was the triode offhand, but 76's would do well.  
Actually, the circuit can be adapted to almost any tube.

Plate voltages were in the 135vdc range on battery and around 180vdc on AC.

> It looked pretty nice. If NO one knows, I will take it on 'spec' to get  
> the copy and let the List know what is on it, and we can debate its  
> suitability for copying. It was dissassembled when I saw it, and the  
> glance at the paperwork was fast, so I might have missed something that  
> would not make it a good candidate building. Then again.... it might  
> be.

It is an easy set to reconstruct. You can make it of aluminum or bakelite, and the chassis is on aluminum skids or frames, that can be made of wood or plastic or aluminum or whatever. If you are trying to recreate it, the frames are extruded aluminum, and would be very expensive to duplicate, now. But, if you are just trying to emulate it, almost anything will do, nicely.

If you can get a manual, make me a clean copy and I will reprint it for the on-line archives, in postscript.

> Anyone with an opinion can let me know.  
>  
> One more thing - any one have any  
> recommendations on books from Lindsay  
> publications. There are more than a few interesting ones, so I'd like to  
> find out what is useful. Rocky's "Regen Secrets"? Any others have useful,  
> reproduceable circuits?

The only one i have seen is that 1934 thingie. It is good and worth having as a reference. I hear some of the others are good too.

73/ZUT DE NA4G/Bob UP

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Date: Tue, 22 Apr 1997 11:35:46 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
Subject: LOST EMAIL

>To: BA  
>From: leeboo@ct.net (Leon Wiltsey)  
>Subject: LOST EMAIL  
>Cc:  
>Bcc:  
>X-Attachments:  
>  
>anybody sending a email to leeboo@ct.net  
>please repeat. lost all messages for leeboo  
>wed morning. tnx  
>

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

4600 Lake Haven blvd...  
Sebring fl 33872.....

68yr old retired semi disabled senior  
(stroke got my balance and coordination)  
formerly w4kcj & kp4ryb ( till I quite) dumb dumb  
waiting for my tech+ lic to arrv 73's  
play keyboard and sing  
music 1920's to 60'  
none of the 80'S- 90'S noise

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Date: Tue, 22 Apr 97 16:11:22 EDT  
From: jkh@mailgate2.lexis-nexis.com (John Heck)  
Subject: Re: Pilot "Super Wasp"

Brien Pepperdine wrote:

> > One more thing - any one have any  
> > recommendations on books from Lindsay  
> > publications. There are more than a few interesting ones, so I'd like to  
> > find out what is useful. Rocky's "Regen Secrets"? Any others have useful,  
> > reproduceable circuits?

Lindsay has/had a \*lot\* of really good reprints on vintage radio subjects. His catalog is free. The "trouble" with Lindsay, though, is that he does not seem to like to keep many of his reprints in print very long. The catalog cautions you against ordering from old catalogs. Over the past couple of years quite a few titles have disappeared from the catalog, maybe never to reappear. \*Lots\* of excellent reference material has been available, and continues to appear from time to time. In the new catalog there was a very nice reprint "Radio Trouble Shooting" by Enno Hahn, Associate Editor of Popular Mechanics magazine. This was originally published in 1928 and is intended for laymen to setup, maintain, and improve their broadcast radios. It's very instructive regarding radios of that period. Also recently reprinted, although I don't know the title, is the most comprehensive encyclopedia of landline and wireless telegraphy that I have ever seen. I suspect that this book is rather rare. It must be huge because the reprint runs around \$75, as I recall, but it sure would be a must for me if I were a telegraph collector. I would say that about 1/2 of the books I have bought from Lindsay in the last two years are now out of print so you oughta get his catalog. I don't work for Lindsay but could I please??

Regards,  
John Heck, KC8ETS  
1009 Donson Drive  
Dayton, Ohio 45429  
(513)865-7036(work)  
jkh@lexis-nexis.com

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Date: Wed, 23 Apr 1997 07:09:34 -0400  
From: BEN NOCK <106312.1035@compuserve.com>  
Subject: Tube equiv's ????

Hi, can anyone tell me the equiv's 1L5, 3S4 etc etc for  
the following:

VT-171

VT-172  
VT-173  
VT-174

as used in the BC-728.

Thanks. Ben G4BXD

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End of glowbugs V1 #13  
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Created by **Steve Modena, AB4EL**  
Comments and suggestions to **modena@SunSITE.unc.edu**

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